SIEMENS

LITHOSTAR Multiline

SP

Software

System

Operation of the Service Software

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Important notes

- Due to the technologies used in the LITHOSTAR Multiline, tasks may be performed only by technicians who have been trained in the use of this material.
- Since the service program works under MS WINDOWS, basic knowledge of MS WINDOWS is indispensable.
- If the system performs an automatic reset, the connection to the PC is maintained.
- Some messages depend upon the language of the Windows version installed.

Documentation required

- Setting the software parameters / Monitoring RXL2-120.032.02...

Aids required

- Service PC with Windows 98, 2000, XP (see Intranet/Product Information/Common Services/Service Laptop for CSE's).
- Serial PC connection cable, 5 m 99 00 440 RE999
- Service software 11 57 630 J1042
- Lithostar Multiline software Memoskop
- Lithostar Multiline host software

NOTE	**This flowchart is intended only as a guide.**

No ⇐ Is the LITHOSTAR Multiline Service Software installed on the service PC? ⇒ **Yes**

⇓ ⇓

Install service software on the service PC (Installation of the service software / p. 9)

⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐

Connect service PC in the Multiline N11.D1.X10

⇓

Start the service software (General information and overview / p. 5)

⇓

(System / p. 11) ⇒ Connect.../ Logon ... / Logoff... / Realtime-Clock ... /Id-Codes ... / Printer Setup... / Quit ...

(Data / p. 19) ⇒	Download... / Backup ... / Restore...
Configuration ⇒	without function
(Adjustment / p. 24) ⇒	Parameters... / Calibration...
(Diagnostic / p. 27) ⇒	Error log ... / Tests... / Monitoring...
(Info / p. 30) ⇒	Versions ... / Customer Data... / System Data... / Technical Info ... / Service Data ... / Operating Time ...
(Help / p. 36) ⇒	General Help... / Index... / About... /

General overview of a connection setup

Establish connection between HOST PC board D1.X10 and service PC

⇓

Insert floppy with host software in drive A

⇓

Start the Lithostar Multiline service software

⇓

Perform User Identification on the service PC

...Username: enter name

.....Group: if the word is not known

see Speedinfo Knowledge Base PASSWORD LIST

⇓

In the System menu, open **Connect**

(See also System(Connect / p. 12))

⇓

⇒ The time can be set in the **Real-time...** menu

⇓ ⇐ ⇐ ⇐

Perform desired tasks with the service PC

⇓

Make a backup.

⇓

Delete error log in unit, if necessary

(see also Diagnostic (Error Log / p. 28))

⇓

In the System menu, open **Logoff...**

(See also System (Logoff / p. 14))

⇓

In the System menu, open **Quit...**

⇓

Remove floppy with host software and put it back in logbook

⇓

Interrupt connection between HOST PC board D1.X10 and service PC

It is possible to view the following files without connecting the service PC to the unit. However, this is recommended only to evaluate or print out data (e.g. in the office).

In the (Adjustment / p. 24) menu:	**Parameters**
In the (Diagnostic / p. 27) menu:	**Error Log**
In the (Info / p. 30) menu:	**Customer Data...** **System Data...** **Technical Data...** **Service Data...**
In the (Help / p. 36) menu:	**General Help** **Index** **About**

Insert floppy disk with the **Host-Software** into drive A

⇓

Start the service software

⇓

Perform User Identification on the service PC

...Username: enter name

...Group: if the word is not known

see Speedinfo Knowledge Base RX PASSWORD LIST

⇓

Open corresponding menu

⇓

Click "Load from File"

⇓

See corresponding chapter for further information

⇓

End: Click **Quit** in the System menu

⇓

Remove floppy disk with HOST software from drive A

Service software Version VB01C and higher (Win 98, 2000, XP)

Perform only if the service software is **not yet** installed on the service PC.

Open Windows Explorer

⇓

Insert floppy disk with service software in drive A

⇓

Click drive A

⇓

Double-click **Setup.exe**

⇓

The Install Shield starts

⇓

Next

⇓

Choose destination folder
(C:\SSW\Multiline\VB01C)

⇓

Next

⇓

Choose program folder
(C:\SSW\Multiline\VB01C)

⇓

Next

⇓

Service software is installed
The following message is displayed: “Setup complete”

⇓

End

⇓

End

Service software up to version VA00C (Win 3.11 und 95)

Perform only if the service software is **not yet** installed on the service PC.

Open file manager

⇓

Insert floppy disk with service software in drive A

⇓

Click drive A

⇓

Double-click **Install.exe**

⇓

⇐ The Install Shield starts ⇒

⇓	⇓
⇓	Select **Custom Install**.
Default path	⇓
	Select Multiline service software
Select **Full install**.	⇓
⇓	Click **Continue** .
⇓	⇓
⇒ Service software is installed	⇐

⇓

The following message is displayed:

A set of icons . . . . . or existing group below

⇓

Click **Create**.

⇓

Click **ok** .

⇓

When finished, answer the question in File Manager

Overview

In the **System .....** menu:

Connect...	⇒	Initiate data transfer to unit
Logon...	⇒	Start service
Logoff...	⇒	Terminate service (another service start is possible with LOGON)
Realtime clock...	⇒	Set time and date on the host PC board
Id-Codes..	⇒	Request of system data for the generation of a password (not used with Multiline)
Printer Setup...	⇒	Set up printer
Quit...	⇒	Terminate service software

Connect

In the System menu, open **Connect...**

⇓

Select Com 1 or Com 2, depending on the service PC

⇓

⇐ Select a baud rate of 19200 Bd ⇒ Only necessary when setting the time

⇓ ⇓

Click **Logon ...**. Click **ok**.

⇓ ⇓

Click **Realtime-clock..** in the System menu

⇓ ⇓

Click **Logon..** in the System menu

⇓ ⇓

⇒ At **"Please enter Password"** ⇐

enter **Siemens** if it does not already appear

⇓

Click **ok**

⇓

The service software-host software connection is established

Logon

Click **Logon...** in the System menu

⇓

At **“Please enter Passsword”**

enter Siemens if it does not already appear

⇓

Click **ok** .

⇓

The service software-host software connection is established

Logoff

In the System menu, open **Logoff...**

⇓

In the **Working on:** field, note down which tasks were performed on the system

⇓

⇐ Click **Put to unit**. ⇒

⇓ ⇓

Click **Quit** in the System menu

If the service must be restarted, select **Logon...** from the System menu

Real-time clock

NOTE

The clock can be set only if "Connect" has been performed, not "Logon".

In the System menu, open **Realtime-Clock...**

⇓

Set **Current Time** and **Current Date**

⇓

Click **Put to unit**.

⇓

The following message is displayed: "Time has .... to Unit“

⇓

Yes⇐ Answer accordingly ⇒ No

⇓ ⇓

Time on HOST PC board is updated

Time on HOST PC board is not updated

Id codes

NOTE

ID codes... can be viewed only if "Connect" has been performed, not "Logon".

In the System menu, open **Id-Codes...**

⇓

The following data is displayed:

Serial no.

Product no.

Host ID no.

Printer setup

In the System menu, open **Printer Setup...**

⇓

The Windows user interface for printer setup is displayed.

Enter settings according to printer.

Quit

In the System menu, open **Quit**

⇓

Exits the service program.

The icon is displayed again.

Overview

In the **Data...** menu:

Download...	⇒	install new software: Multiline, Memoskop and/or hard disk are possible
Backup...	⇒	Back up existing data (parameters, error log, customer data, techn. info, service data) from the unit onto a floppy disk.
Restore...	⇒	Transfer back to the unit data (Parameter, Error Log, Customer Data, Techn. Info, Service Data) that were saved with Backup. If the HOST board is replaced, the parameters must be reset via the Restore command. The LITHO_M.P00 parameter file is the oldest file.

Download

In the Data menu, open **Download**

⇓

In the **Data: Download Select** box, select the corresponding component.

If a download is necessary for Memoskop and hard disk, the service software program must first be terminated and then launched again with the Memoskop floppy disk inserted.

⇓

The question appears: **"Flash-EPROMS of.....Do you want to continue"**

No ⇐ Answer accordingly ⇒ Yes

⇓ ⇓

Cancel

EPROMs are deleted

⇓

Click **Start**.

⇓

Download is performed

⇓

After the end of download, the following message is displayed:

"Component has been.... press Return to continue"

After the automatic system reset, click **OK**

⇓

After the automatic system reset,

Click **ok**.

Backup, version VB01C and higher

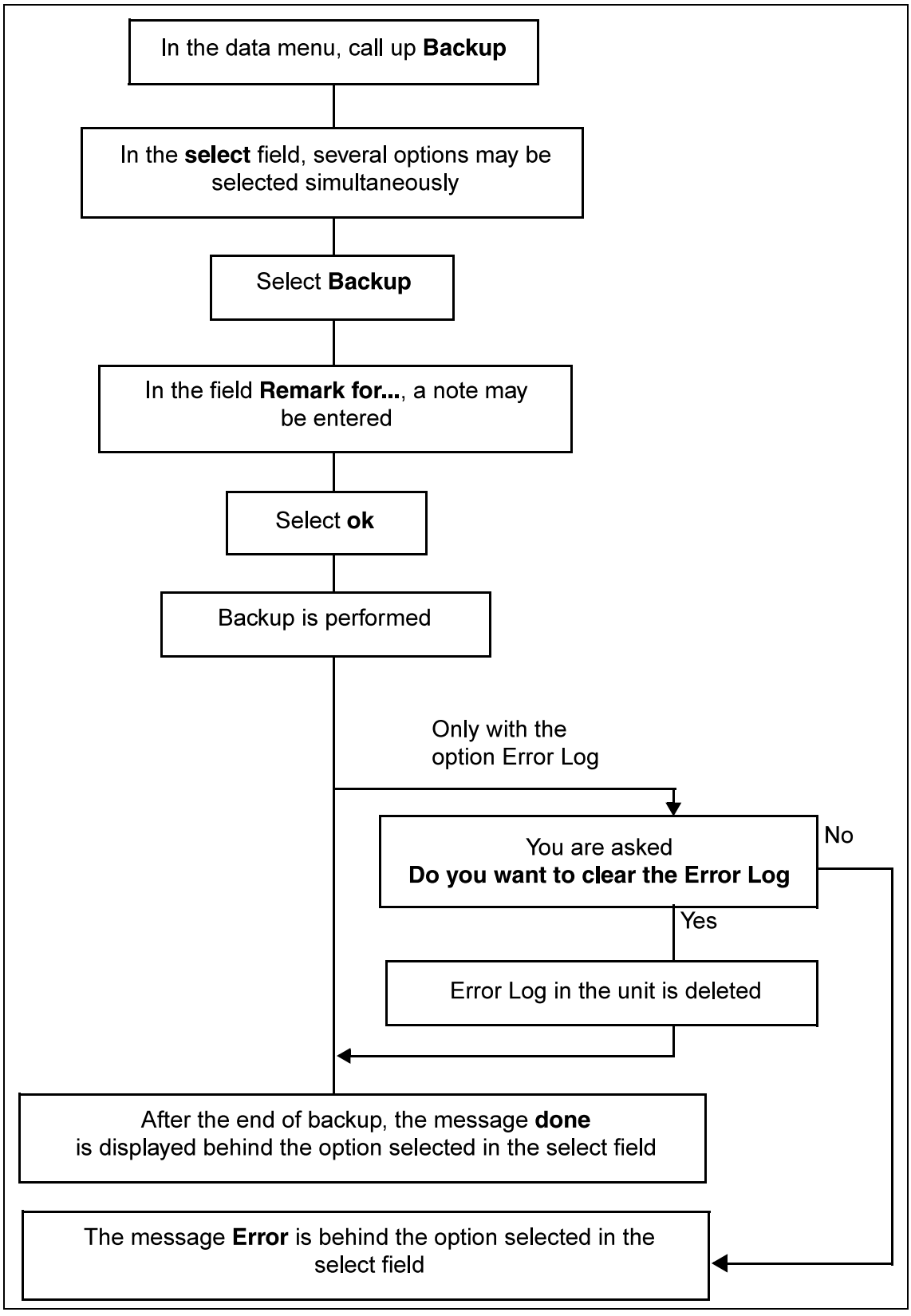
In the data menu, call up **Backup**
In the **select** field, several options may be selected simultaneously
Select **Backup**
In the field **Remark for...**, a note may be entered
Select **ok**
Backup is performed
Only with the option Error Log
You are asked **Do you want to clear the Error Log**
No
Yes
Error Log in the unit is deleted
After the end of backup, the message **done** is displayed behind the option selected in the select field
The message **Error** is behind the option selected in the select field

Fig. 1:

Backup, versions up to VA00C

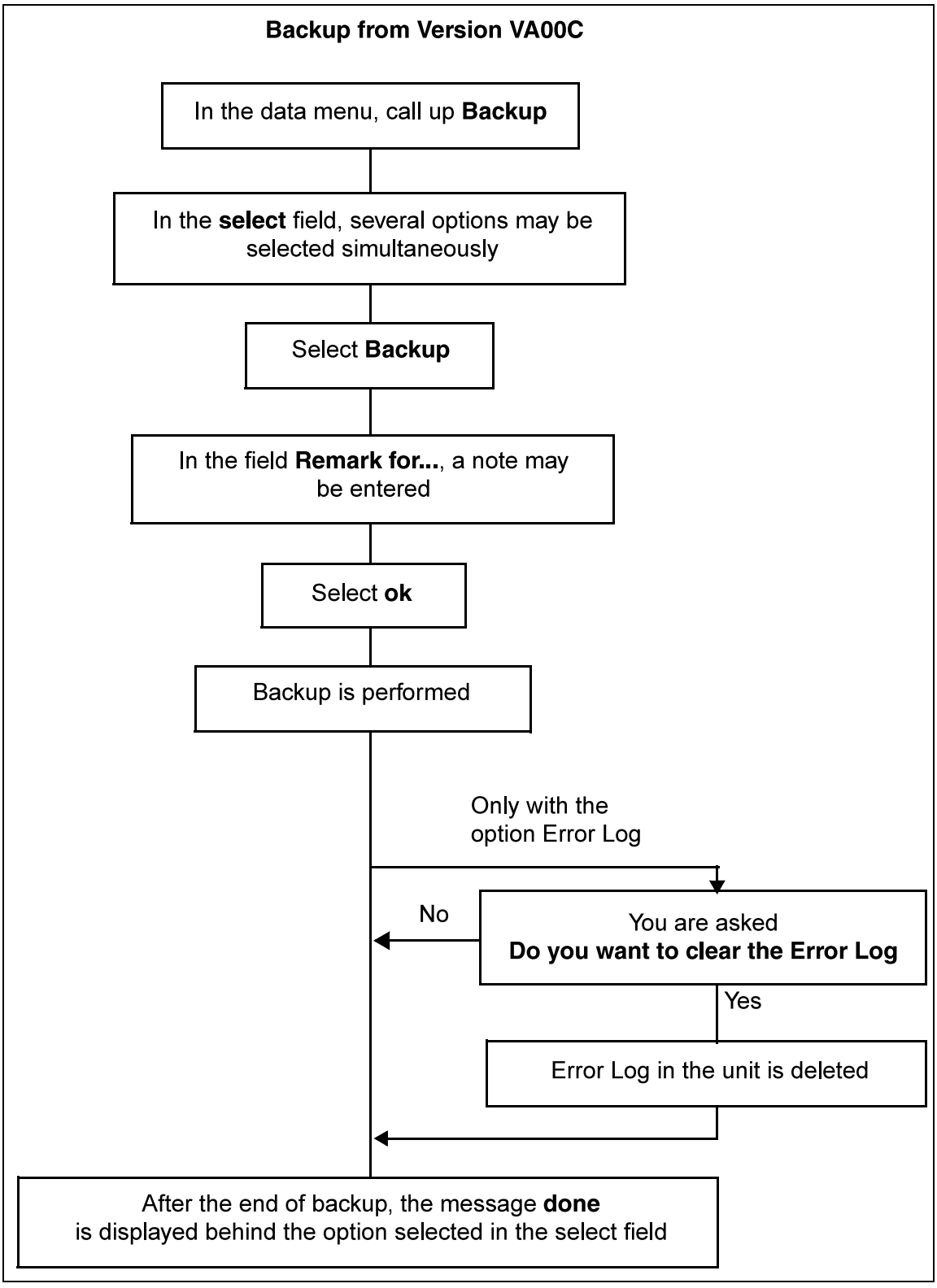
Backup from Version VA00C
In the data menu, call up **Backup**
In the **select** field, several options may be selected simultaneously
Select **Backup**
In the field **Remark for...**, a note may be entered
Select **ok**
Backup is performed
Only with the option Error Log
No
You are asked **Do you want to clear the Error Log**
Yes
Error Log in the unit is deleted
After the end of backup, the message **done** is displayed behind the option selected in the select field

Fig. 2:

Restore

In the Data menu, open **Restore**

⇓

In the **Select** field, select an option

⇓

In the **Available Files** field, available files are displayed.

⇐ The LITHO_M.P00 parameter file is the oldest file. ⇒

⇓ ⇓

Restore

⇓

The Restore command is performed for the selected file.

Info

⇓

The notification generated during the backup is displayed.

Overview

In the Adjustment menu, open **Parameters...**.

⇓

Parameters...

⇓

Modify unit settings, delete shot numbers

⇓

Calibration...

⇓

Drives may be moved **without any safety checks**

Parameters

In the Adjustment menu, open **Parameters...**.

⇓

Click "Get from Unit".

⇓

In the Groups parameter, make the selection desired

⇓

In Parameter, select the parameter desired

⇓

To set parameters, see instructions:
Software parameters / Monitoring..... (RXL2-120.032.02...)

⇓

After modification, click **Set Value**

⇓

The modified value is marked in the Parameters window
(this means that the value has not yet been transmitted to the unit).

⇓

Click **Put to Unit**

⇓

The following message is displayed: **Component... to continue**
After the automatic reset (after approx. 20 s),
click OK

⇓

After modifying the parameter,
perform a parameter backup.(Data / p. 19)

Calibration

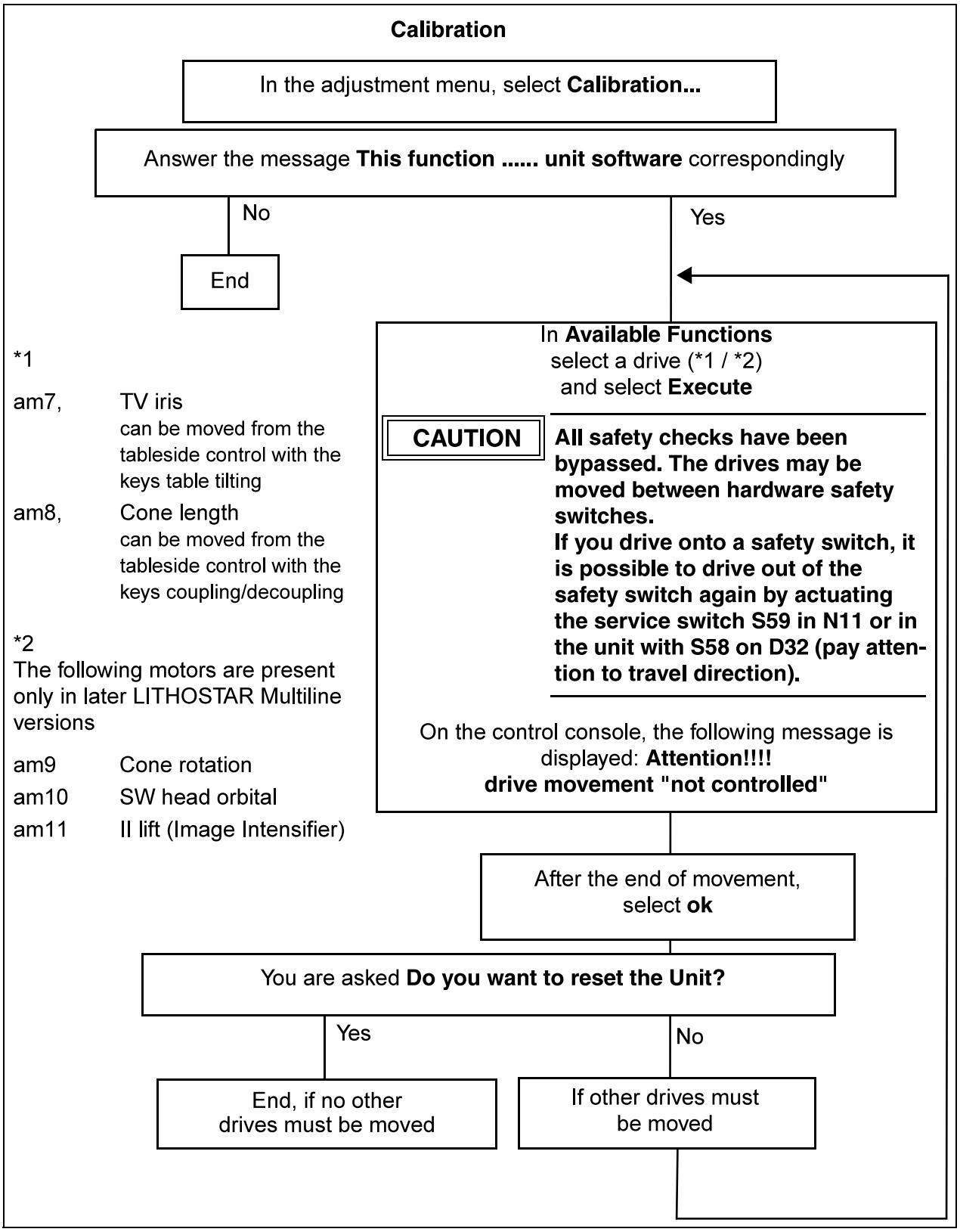
Calibration
In the adjustment menu, select **Calibration...**
Answer the message **This function ..... unit software** correspondingly
No
End
Yes
*1
am7, TV iris
can be moved from the tableside control with the keys table tilting
am8, Cone length
can be moved from the tableside control with the keys coupling/decoupling
*2
The following motors are present only in later LITHOSTAR Multiline versions
am9 Cone rotation
am10 SW head orbital
am11 II lift (Image Intensifier)
In **Available Functions** select a drive (*1 / *2) and select **Execute**
CAUTION
All safety checks have been bypassed. The drives may be moved between hardware safety switches.
If you drive onto a safety switch, it is possible to drive out of the safety switch again by actuating the service switch S59 in N11 or in the unit with S58 on D32 (pay attention to travel direction).
On the control console, the following message is displayed: **Attention!!!! drive movement "not controlled"**
After the end of movement, select **ok**
You are asked **Do you want to reset the Unit?**
Yes
No
End, if no other drives must be moved
If other drives must be moved

Fig. 3:

In the **Diagnostic...** menu:

Error Log	Tests	Monitoring
⇓	⇓	⇓
Errors occurring in the unit are reported. Errors at the generator and in the Videomed DI are not reported	No function	Current unit data is displayed and continually updated; e.g. shot counters, ports, reading out the ports

Error Log

Look up ⇐ Multiline error memory ⇒ Delete

⇓ ⇓

In the Diagnostic menu, open **Error Log...**.

⇓

Click **"Get from Unit"**

⇓ If necessary ⇒ Save to File

⇓ ⇓

Select desired filters

Several filters may be selected simultaneously.

Unit ⇓

Error Number Select one error

Error Category ⇓

Mode **More Info** Click

Since Date ⇓

Exclude error no.

not selected:

The error number selected is displayed

selected:

The error number selected is not displayed

⇓

Click **Apply**

⇓

The selected errors (filters) are displayed

A long text is displayed.

⇓

In the menu, open **Data Backup**

⇓

In the Select field, open **Error Log**.

⇓

Click **Backup**

⇓

In the **Remark for Error Trace** field, a note may be written.

⇓

Click **ok**

⇓

The following message is displayed:

Do you want to clear Error Log?

⇓ No

Error Log in the unit is not deleted

⇓ Yes

Error Log in the unit is deleted

Monitoring

In the Diagnostic menu, open **Monitoring**

Run⇐ ⇒Hold

If the Monitoring menu does not appear after a short time, press the "Alt" key on the service PC.

⇓ ⇓

The current status of the unit is retrieved at regular intervals, depending on the **Interval** time selected.

The display is not updated.

In the **Info.....** menu:

Version...	Multiline and Memoskop software version information
Customer Data...	Notes about the customer can be made here. Address = street Zip Code = postal code
System Data...	Unit-specific data may be entered here.
Technical Data...	Names and numbers of modification instructions and "speed infos" may be entered here
Service Data...	Here, information about past service to the system is displayed: which tasks were performed when
Operating Time...	Display of the operating time

Version

In the Info menu, open **Version...**

⇓

Information about software versions: Multiline, Memoskop, hard disk

⇓

Print

⇓

Output to a printer

Customer Data

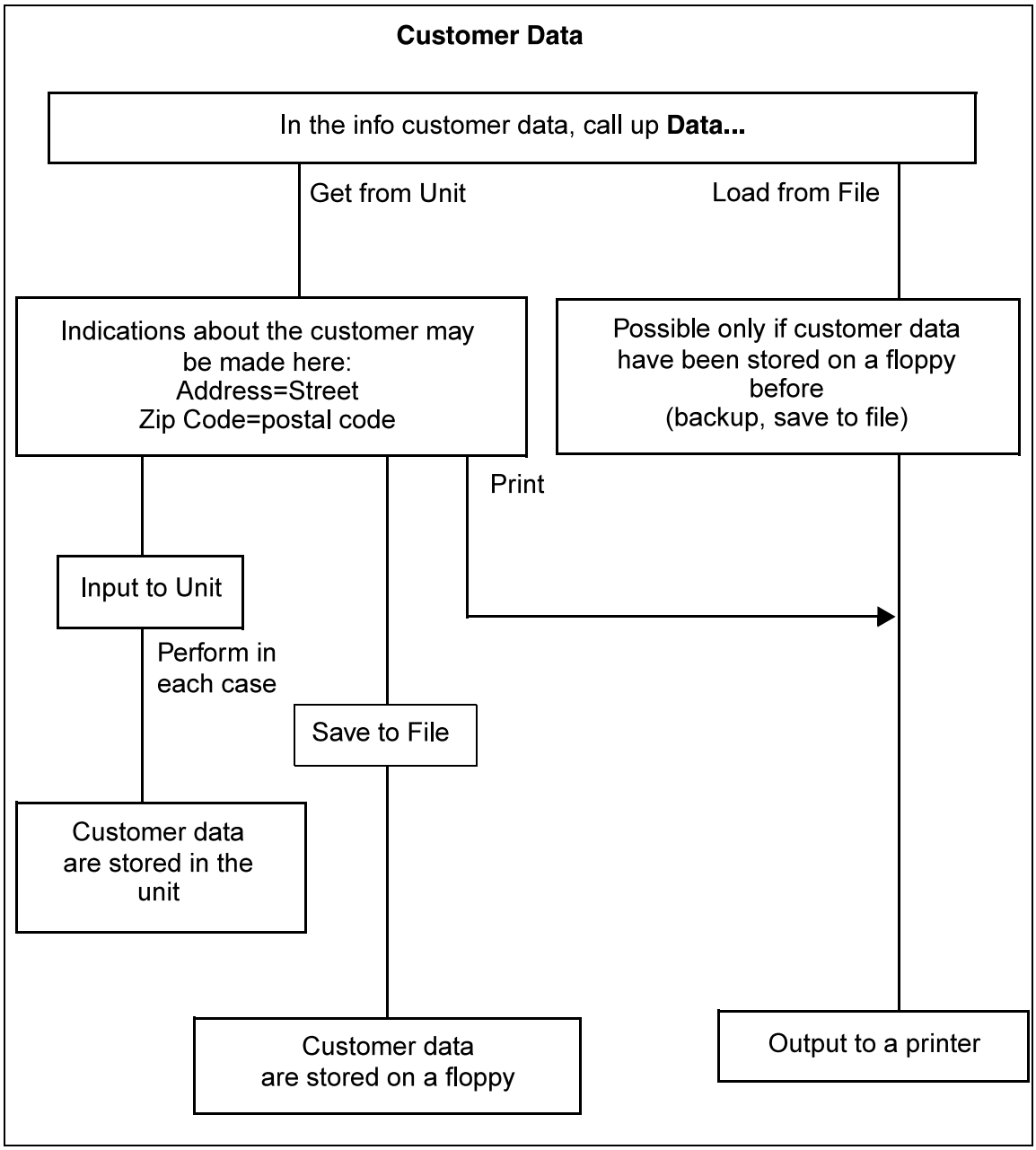
Customer Data
In the info customer data, call up **Data...**
Get from Unit
Load from File
Indications about the customer may be made here:
Address=Street
Zip Code=postal code
Possible only if customer data have been stored on a floppy before
(backup, save to file)
Print
Input to Unit
Perform in each case
Save to File
Customer data are stored in the unit
Customer data are stored on a floppy
Output to a printer

Fig. 4:

System Data

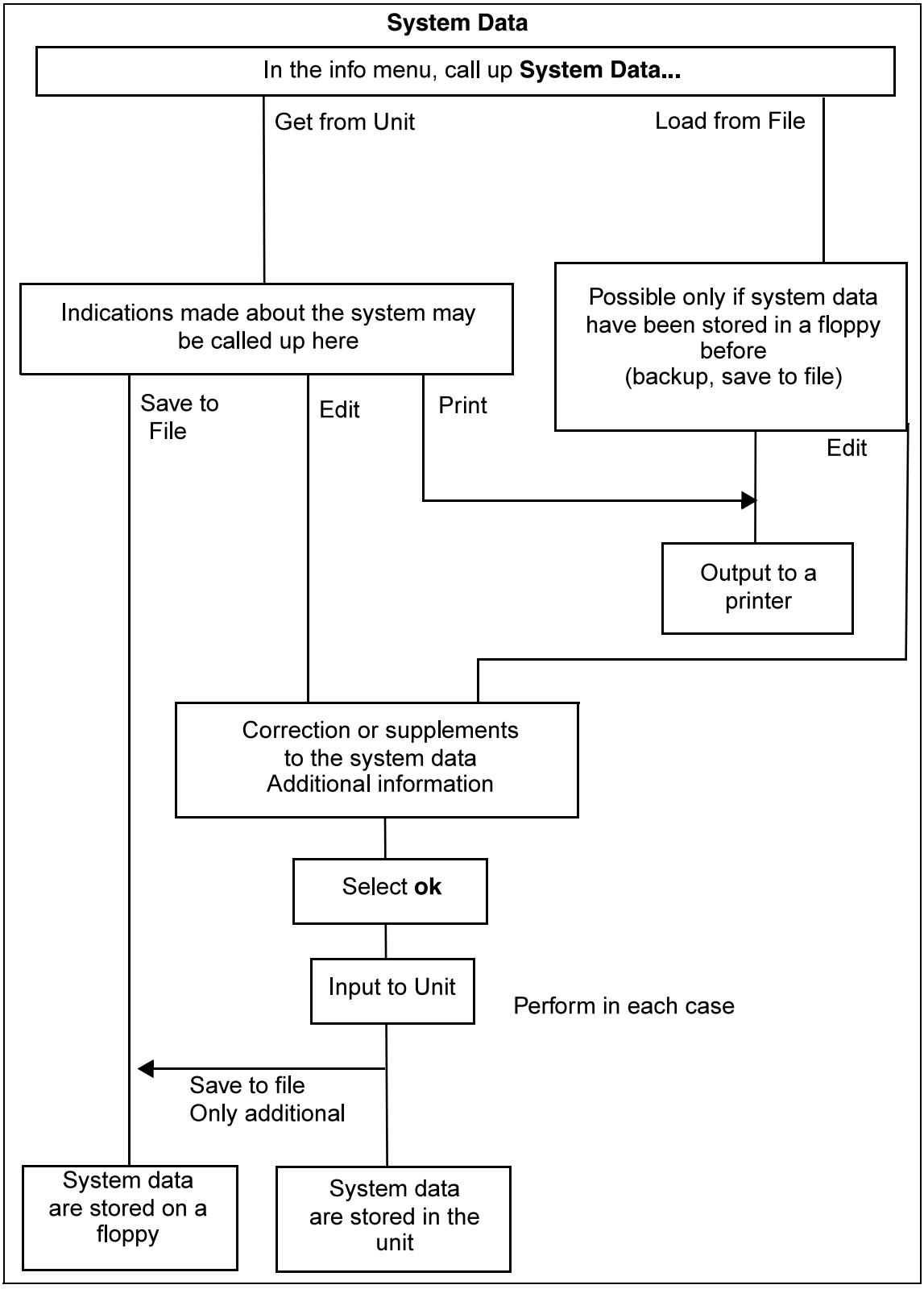
System Data
In the info menu, call up **System Data...**
Get from Unit
Load from File
Indications made about the system may be called up here
Possible only if system data have been stored in a floppy before (backup, save to file)
Save to File
Edit
Print
Edit
Output to a printer
Correction or supplements to the system data Additional information
Select **ok**
Input to Unit
Perform in each case
Save to file Only additional
System data are stored on a floppy
System data are stored in the unit

Fig. 5:

Technical Info

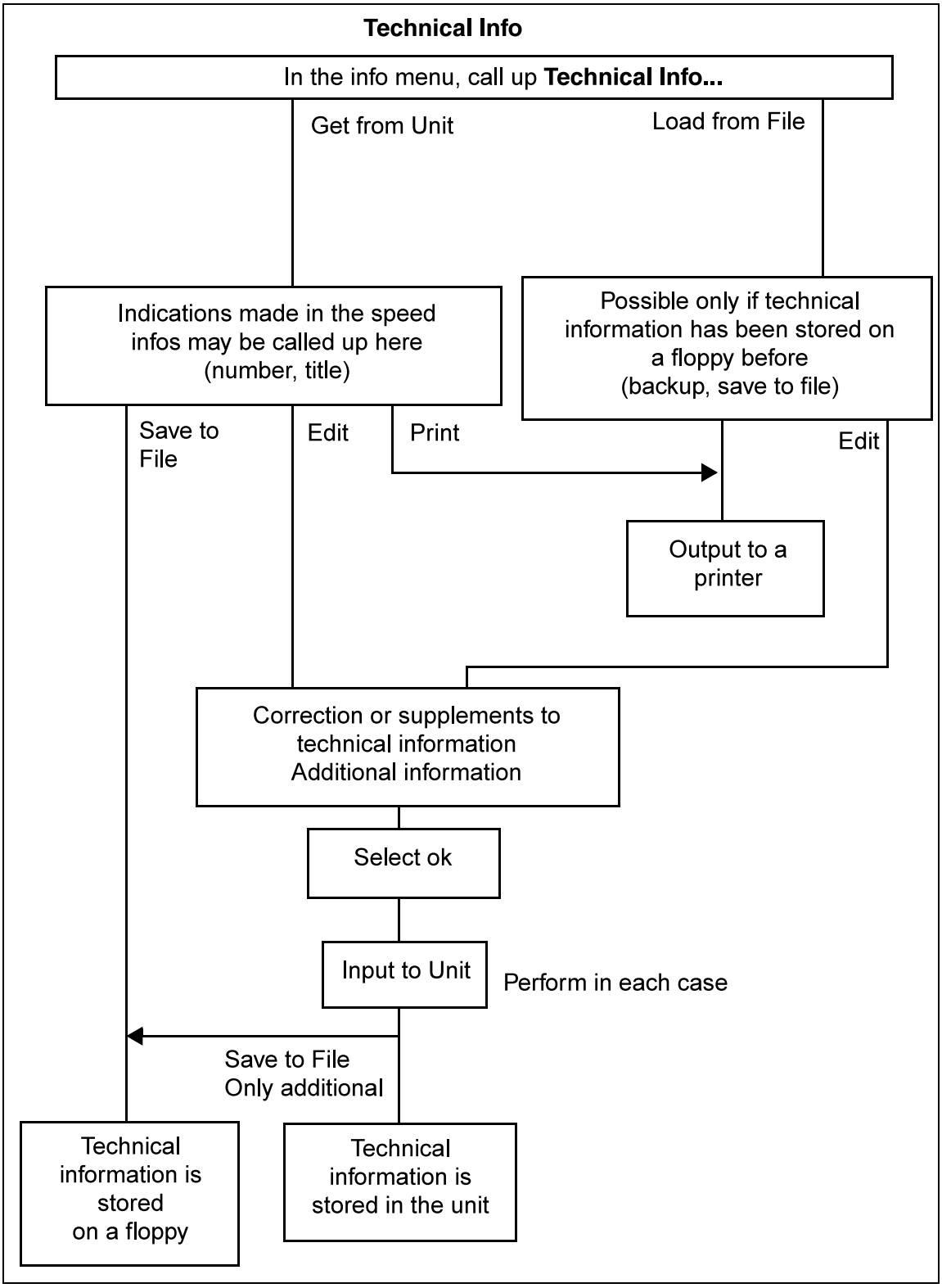
Technical Info
In the info menu, call up **Technical Info...**
Get from Unit
Load from File
Indications made in the speed infos may be called up here (number, title)
Possible only if technical information has been stored on a floppy before (backup, save to file)
Save to File
Edit
Print
Edit
Output to a printer
Correction or supplements to technical information Additional information
Select ok
Input to Unit
Perform in each case
Save to File Only additional
Technical information is stored on a floppy
Technical information is stored in the unit

Fig. 6:

Service Data

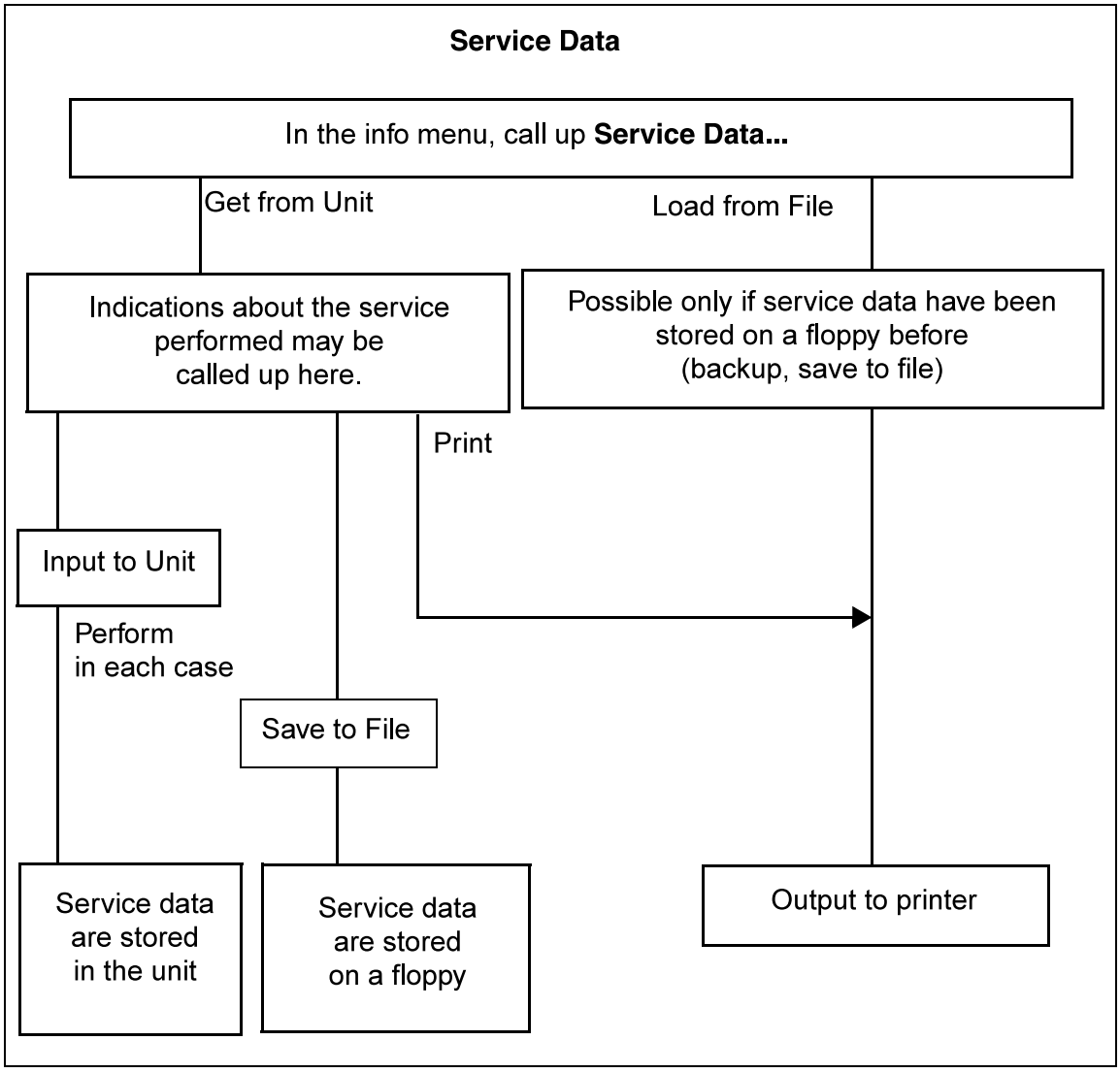
Service Data
In the info menu, call up **Service Data...**
Get from Unit
Load from File
Indications about the service performed may be called up here.
Possible only if service data have been stored on a floppy before (backup, save to file)
Print
Input to Unit
Perform in each case
Save to File
Service data are stored in the unit
Service data are stored on a floppy
Output to printer

Fig. 7:

General Help, Index, About

⇐ In the **Help .....** menu, open...⇒		
⇓	⇓	⇓
General Help	Index	About
⇓	⇓	⇓
Information about the function of the service software is given here (provided in English only)		Information about the service software version

Document type changed

The entire document was converted to the DMS document structure.